

Designing a Comprehensively Automated Line for
Mass Production of Single-Phase Kilowatt-Hour
Meters, by K. P. Stabin, 3 pp.

RUSSIAN, par, Pribozostroyeniye, No 6, 1960,
pp 20-23.

Taylor & Francis

Sci

Mar 61

141,578

Future Steam-Turbine Units of High Capacity, by
L. A. Shubin-Shubenko.

RUSSIAN, per, Teploenergetika, No. 8, 1961, pp 3-12
KLI/M. 5024

L. A. Shubin-Shubenko

Sel -
Aug 67

336-034

Equipment for the Precision Electron-Beam
Hot Welding of High-Melting Metals and Alloys,
by V. V. Gorbunskiy, L. V. Gubina, 9 pp.

RUSSIAN, per, Avtomat Svarka, No 6, 1961,
pp 21-30.

BFMA

Sci

May 62

195,674

DOBRVIDOV, A.
SHURIN, N.

ARCHIV EISENHUTTENWESEN, vol 8, 1935

Nitrated Cast Iron

Brutcher Tr 865, \$2.20

A-1133

Hydraulic Formation Fracturing in Deep Flowing
Wells at Oil Field No 1, NPU Dolinaneft, by
N. I. Shubin, V. I. Andruschko,,6 p.

RUSSIAN, per, Neft Khoz 1958, Vol XXXVI,
No 8, pp 65-69.

ATB-46L35R

Sci
Apr 60
Vol III, No 2

111,695

The Role of N. M. Sibirtsev in the Establishment of
Experimental Fields in the Nizhniy Novgorod Govern-
ment, by V. Shubin, 4 pp.

RUSSIAN, per, Pochvovedeniye, No 7, 1960, pp 14-19.

AIBS

Sci

170,609

Oct 61

~~RUSSIAN~~ Pathological Changes in the
Organism of Cattle Caused by Malignant Foot-and-
Mouth Disease, by V. A. Shubin.

RUSSIAN, per, Trudy Vses Inst Ekspet Vet,
Vol XXV, 1961, pp 103-108.

~~ECHE~~ USDA Tr V-1801

Sci - Med
Nov 62

216,802

Pathological Histology of Malignant Foot-and-Mouth
Disease in Cattle, by V. A. Slabin.

RUSSIAN, per, Veterinariya, Vol XXXIV, ~~XX~~ No 8,
Moscow, Aug 1957, pp 30-32. CIA 9013123

USIA

Sci - Medicine
Oct 57

54,160

Some Peculiarities of the Malignant Form of
Foot-and-Mouth Disease, by F.F. Lutsevich,
V.A. Shubin.

RUSSIAN, Izv. Veterinariya, Vol XXVII, No 6,
pp 25-29, 1960. 9078889

USDA

Sci - Med
Aug 61

163,046

Festering Mouth Disease in "Salgaki's, by I. E. Skorin,
V. A. Zambin.

RUSSEIAN, part, Veterinariya, Vol. XXIV, No 10, Moscow,
1958, pp 49-54. CIA 9035511

URSSA

Sci - Medicine
Feb 59

81,200

Report on Foot-and-Mouth Disease in Lambs, by 50
V. A. Shubin.
RUSSIAN, per, Fatmorfologiya sikhshennogo
vashchere razviti - Izv. Vsesoyuznogo Instituta
Ekspertimental'no Veterinari, Vol 24, 1961, 6 pp.
*CSFTI TT 68-90329

V A Shubin

Sci/B & H
Feb 68

Pathomorphology of Malignant Foot-and-mouth Disease of Lambs, by V. A. Shubin. 44
RUSSIAN, per, Trudy Vsesoyuznogo Inst
Eksperimental'noy Veterinariy, Vol 24,
1961, pp 87-92.
CPSTI TT 68-50329

Sci-B&W
Apr 69

380,314

Some Notes on the Book "Laboratory Methods of
Examination in Veterinary Medicine", by
V. F. Shubin, B. A. Komarov, UNCLASSIFIED

RUSSIAN, per, Veterinariya, Vol XXXI, No 7,
1954, pp 55-58 59.

Medicine
Scientific - ~~Library~~

Doc 54 CTS

20,162

Steric Hindrance and Reactivity of Organic Compounds.
III. Isomerization of 1,8-Dihalo-naphthalenes in the
Presence of Anhydrous B-Naphthalenesulfonic Acid. V.
A. Koptug, V. G. Shubin, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 12,
1961, pp 4023-4027.

CS

Sci

Oct 62

214,844

Radiation-Chemical Transformations of Iron Ions in
 HClO_4 Solutions Saturated With Hydrogen and Oxygen
Under Pressure, by V. N. Shubin, P. I. Dolin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 6, 1961,
pp 1330-1333.

CB

Sci
Sci

196,532

May 12 62

Oxidative Properties of Atomic Hydrogen in the Oxidation
of Ferrous Ions by Radiation, by V. N. SHUBIN, P. I.
DOLIN, 3 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 11, 1960,
pp 2480-2482.

Cleaver-Hume Press

Sci

Aug 61

765, 508

The Effect of Acidity on the Radiochemical Reaction
Yields, by V. N. Shubin, P. I. Dolin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX, No 1,
1961, pp 154-157.

CB

Sci

190,309

Apr 62

(NY-6503)

Scientific Conferences Devoted to the Fortieth
Anniversary of the Tatarskaya ASSR, by V. N.
Shubin, Ye. T. Zemlyanitskaya, Ye. G. Arsen'ev,
10 pp.

RUSSIAN, per, Kazanskiy Med Zaur, No 5,
Sep-Oct 1960, pp 100-104.

JPRS 10482

Sci - Misc

173,642

Radiation Reduction of Ferric Ions in Solutions
Saturated With Hydrogen Under Pressure, by
V. N. Shubin, P. I. Dolin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV.
No 4, 1960, pp 891-894.

CB

Sci

May 61

153,017

The Oxidizing Properties of Atomic Hydrogen
in the Radiational Oxidation of Divalent Iron
Ions, by V. N. Shubin, E. I. Dolin, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6,
1959, pp 1298-1300.

Consultants Bureau

Sci
Apr 60

114,813

Investigation of Plastic Properties of Single
Crystals of Beryllium, by P. I. Garber, I. A.
Gladin, A. I. Kovalov, Yu. V. Shadrin, 9 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol VIII,
No 1, 1959, pp 130-139.

PP

Sci
Oct 60

132, 657

Oreintation Dependence of Slip and Failure of
Beryllium Single Crystals During Extension,
by R. I. B. Garber, I Ya. A. Gindin, Yu. V.
Shubin, 9 pp.

RUSSIAN, per, Fiz Tverda Tela, Vol III, No 4,
1961, pp 1144-1151.

MDF G-211
9092730

171,540

Sci
Oct 61

Orientation Dependence of the Slip and Failure of
Beryllium Single Crystals in Tension, R. I. Garber,
I. A. Gindin, Yu. V. Shubin, 6 pp.

RUSSIAN, per, Fizika Tverdogo Tela, Vol III, No 4,
1961, pp 1144-1151.

AIP
Sov Phys-Solid State
Vol III, No 4

Sci

172, 150

Oct 61

Monocrystals with High Mechanical Resistance,
by R. I. Garber, I. A. Gindin, Yu. V. Shubin,
2 pp.

RUSSIAN, per, Fizika Tverdogo Tela, Vol III,
No 3, 1961, pp 918-919.

AIP
Soviet Phys
Vol III, No 3

168, 728

Sci

Sep 61

Slipping of Beryllium Single Crystals at Low
Temperatures, III, by R. I. Garber, I. A. Gindin,
Yu. V. Shubin, 7 pp.

RUSSIAN, per, Zhur Ekspri i Teoret Fiz, Vol XXXVI(9),
No 2, 1959, pp 376-384.

Amer Inst of Phys

Sov Phys - JETP

Sci - Phys
Sept 59

97,158

Effect of Drugs on Blood Serum Toxicity Induced
by Ionizing Radiation, by V. V. Alpatov,
A. V. Ambina, 6 pp.

RUSSIAN, per, Byul Eksper Biol i Med,
Vol LIII, No 1, 1962, pp 28-31. 9677205

FTD-TT-62-549

Ecol. - Med

18 Jun 62

201, 157

Influence of Elastic Stresses and Thermomechanical
Treatment on the Magnetic Properties of High
Coercivity Alloys, by Ya. S. Shur, M. G. Lushinskaya,
L. A. Shubina, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXI,
No 9, 1957, pp 1275-1279.

Columbia Tech

Sci - Phys
Jan 59

78,677

Thermomechanical Treatment of Vicalloy, by Ya.
S. Shur, M. G. Luzhinskaya and L. A. Shubina,
8 pp.

RUSSIAN, Izv. Fiz Metal i Metall, Vol IV, No 1,
1957, pp 60-69.

Pergamon Press

Sci - Min/Met

Sep 58

78,009

The Influence of Elastic Stresses on the Magnetic Properties of the Alloy Vicalloy, by Ya. E. Shur, M. G. Lushinskaya and L. A. Shubina, 8 pp.

RUSSIAN, per, Fiz etal i Metall, Vol IV, No 1, 1957, pp 54-57.

Ferguson Press

Sci - Met Mln/Met

Sep 58

73,088

Synthesis of Some 1,2-Substituted Ethylenes Containing
the α -Naphthyl Group, by L. Ya. Malkes, L. V. Shubina,
3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol. XXXII, No 1,
1962, pp 287-290.

CB

Sci

Oct 62

216,194

The Gas-Hardening of Rail Ends, by Yu. Grdina,
H. Shubina.

RUSSIAN, per, Stal', 1950, pp 40-44.

ILL. M. 4274

Sol - Min/Met

Apr 62

193, 919

PRESENTATION OF AGRICULTURAL UTILIZATION OF
TERRITORIES ON TOPOGRAPHIC MAPS, BY N. V.
SHUBINA, 10 PP.

RUSSIAN, PER, IZ VYSSHIKH UCHEB ZAVED, NO 6,
1961, PP 97-111, CALL NO QB275 198, ENG TRANS.

ARMY MAP SERVICE

USSR
ECON, GEOG
20 AUG 62

207,303

Pulse Method of Producing Absolute Polarization of
Magnetic Nuclei

By U. Kh. Kopvillem and R. V. Simbina pp 7

RUSSIAN, per Fiz Tverdogo Tela, Vol IV, No 7, 1962
pp 1717-1727

Amer Inst of Phys
Sov Phys . Solid State
Vol IV, No 7

Sci-

Jun 63

341 025

Acceptor-Donor Concepts Applied to Extraction,
by A. V. Nikolayev, H. M. Sinitsyn, S. M. Shubina,
5 pp.

RUSSIAN per, Zhur strukt Khim, Vol I, No 3, 1960,
pp 319-323.

CB

168,8899

Sci

Sep 61

Extraction of a Mixture of Radioactive Isotopes With
Esters of Diethylphosphinic Acids, by A. V. Nikolayev,
S. M. Smolina, 3 pp.

RUSSIAN, per, Radiokhim, Vol II, No 1, 1960,
pp 3-6.

ABC-tr-4576
PL-480

Bei

Jul 62

PST 565

205,438

On the Isotopic Exchange of Tributyl-
Phosphate With Labeled Phosphoric Acid, by A. V.
Nikolayev, S. M. Shubina, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol IV, No 4,
1959, pp 956, 957.

SLA 60-10939

Sci

OTS, Vol III, No 6

Sep 60

126,888

The Extraction of Nitric Acid With Derivatives of
Butylphosphinic Acids, by A. V. Nikolayev, S. M.
Sinitayn, S. M. Shubina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 3,
pp 578-580.

Sci
Aug 60

CB

126,398

The Measurement of the Coefficient of the Atomic
Hydrogen Recombination at Various Surfaces by the
Method of Determination of the Lower Ignition Limit
of the $2H_2 - O_2$ Mixture, 15 pp. by A. B. Nalbandian
and S. I. Shubina

RUSSIAN, per, J. Chem. Phys. (USSR), 20, 1249-58,
(1946).

Avail Armed Services Tech
Infor Agency as ATI 83148

Scientific - Chemistry, Physics

1535

The Kinetics of the Activation of the Carboxyl Group
of Carbobenzoxyglycine by Cyclohexyl-~~3~~ [N-(N-Methyl-
morpholinium)]-Ethylcarbodiimide p-Toluene-
Sulfonate, by D. G. Knorre, T. N. Shubina, 9 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol I, No 4, 1960,
pp 519-527.

CB

Sci

172, 760

Oct 61

All-Seeing Sound, by V. Shubina, 3 pp.

RUSSIAN, no, ~~1~~ Nedelyan, No 43, 1962.

The Daily Review
Vol VIII, No 271 (2216)
Thursday, November 15, 1962

Sci - Phys

Dec 62

Help Economically Weak Collective Farms, by
B. Shubkin, 4 pp.

RUSSIAN, per, Voprosy Ekonomiki, Vol I, No 3,
1958, pp 51-57.

Internatl Arts and Sci Press
Vol I, No 5

USSR
Econ
Sep 58

74,036

Pay on Automatic Lines, by I. Shubkina.

RUSSIAN, per, Sotsialisticheskiy Trud, No 3,
Moscow, 1959, pp 55-59.

CIA/FDD Sum 2331

USSR
Econ - Wages
Oct 59

100,214

Strontium-90 Fallout in the USSR, by V. H. Shubro

9 pp.

Sixpms

RUSSIAN, rpt United Nations Rpt A/AC.62/G/L.330,
1959.

AEC Tr-1484

Sci

Aug 61

163,780

Studies on the Radioactive Decay of Th^{231} , by
S. A. Baranov, R. M. Polevoi, Yi. F. Rodionov,
G. V. Shishkin, V. M. Shubko, 21 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Vol ~~XXXX~~ XXIV,
1960, pp 261-271.

ABC UCRL-Trans-645

150,892

Strontium-90 Fallout in the USSR, by W. M. Shubko.

RUSSIAN.

*AEC

Sci - *Phys*

May 61

List 53

11

Main Problems of the Development of Irrigation
and Agriculture in USSR Countries, by
C. G. Gerasimov, 8 pp.
Rural Affairs, part 1, Moscow International Centre
Agriculture, No 1, 1984, pp 31-38.
JPRS 16795

Editor - Sov Elec
Room
Jan 84

241,200

(DC-6,78)

FOR BETTER IRRIGATION PRACTICES, BY P. I. DEMISOV,
K. K. SHULABEK, 18 PP.

RUSSIAN, PER, GIDROTENNIKA I MELIORATSIYA,
NO 1, 1959, PP 7-19.

JRS 1962

USSR
ECON
SCI & TECH
SEP 62

210,260

Certain Features of Various Strains of Herpes
Virus--I. Antigenic Properties, by A. K.
Shubladze, T. M. Mayevskaya, et al, 5 pp.

RUSSIAN, per, Voprosy Virusolog, Vol V, No 6, 1960.

PP

Sci

May 62

194,759

Certain Features of Various Strains of
Herpes Viruses - XII. The Role of Red
Cells in the Pathogenesis of Infection,
by A. I. Shubladze, A. I. Vazag, 7 pp.

RUSSIAN, per, Voprosy Virusolog, Vol VI,
No 3, 1961, pp 293-299.

PP

Sci

Jun 62

200,492

Isolation of Strains of Virus in Infective Hepatitis,
by V. A. Arsen'ev, A. K. Shublaize, 4 pp.

RUSSIAN, per, Voprosy Virusolog, Vol VI, No 5, 1961.
pp 538-542.

PP

Sci

Oct 62

216,101

Certain Features of Various Strains of
Herpes Viruses - II. Pathogenicity and
Morphological Features of Various Strains
of Herpes Virus, by A. K. Shubladze,
T. M. Mayevskaya, 8 pp.

RUSSIAN, per, Voprosy Virusolog, Vol VI,
No 3, 1961, pp 286-293.

FP .

Sci

Jun 62

200,491

(FID 28164)

Brief Course of Practical Virology, by A. K. Shubladze, S. Ya. Gaydamovich, 288 pp.

RUSSIAN, bk Kratkiy Kurs Prakticheskoy Virusologii, Moscow, 1954, pp 5-86, 178-292, 300-378.

CIA/FID U-9134

41,071

Sci - Medicine, virology
Oct 56

On the Problem of the Focal Character of Spring-and-Summer (Tick) Encephalitis, by N.I. KALABUKHOV, A.K. SHUBLADZE, 13 pp.

RUSSIAN, Per, Med Parazitol, Vol XV, No 2, 1946, —
pp 68 - 75

Scientific - Medicine

USSR

AEC Tr 391

Sci Info Sec
ORB, Canada, T31R
6 Feb 1951 RT-2116

April 1951 CTS

A-4693

A Virological Study of Laboratory Infections With
Venezuelan Equine Encephalomyelitis, by A. K.
Shubladze, S. Ya. Gaidmovich, V. I. Gavrilov, 6 pp.

RUSSIAN, per, Voprosy Virusologii, Vol IV, No 3,
1959, pp 305-310.

OTS 61-19728
Pergamon Press

119,017

Sci

Jun 60

An Experimental Study of a Tissue Culture Vaccine
for the Prophylaxis of Tick-Borne Encephalitis,
by A.A. Stubladze, E.N. Bychkova, 7 pp.

RUSSIAN, par, Zhur Mikrobiol Epidemiol Immunobiol,
Vol XXI, No 2, 1980, pp 8-13.

pp

Sci
Jan 61

135,049

18379)

Attempt at Specific Vaccine Therapy of Poliomyelitis
Suffering From Acute Diffuse Encephalomyelitis and
Multiple Sclerosis, by H. A. Margolis, A. K. Shubladze,
B. S. Solov'yov, B. Ya. Gaydanovich, 25 pp.

REZAN, L., Voprosy Meditsinskoy Virusologii,
Moscow, No 2, 1949, pp 75-89.

CIA/FDD/A-5447

Feb - Mar

10,425

Feb 54

(FID 10100)

Investigation of the Virus of Acute Human
Encephalitis. Communication II, by M. S. Margulis,
A. K. Shubladze, 25 pp.

RUSSIAN, bk, Voprosy Meditsinskoy Virusologii,
Moscow, No 2, 1949, pp 100-117.

CIA/FDD/U-5448

UESH

Sci - Med

Feb 54

10,428

Study of the Antigenic Properties of Herpes
Virus, by A. K. Shubladze, Khuan Chzu-Shan, 5 pp.

RUSSIAN, *publ.*, Voprosy Virusologii, Vol IV,
No. 1, 1959, pp 80-85.

Pergamon Press

Sci

May 60

118,128

The Cultivation of Strains of Russian Spring-Summer
Encephalitis Group Viruses in Chick Embryo
Tissue Cultures and in HeLa Cells, by P. S.
Andonov, A. K. Shubladze, 6 pp.

RUSSIAN, per, Voprosy Virusologii, Vol IV, No 2,
1959, pp 94-99.

Pergamon Press

Sci

May 60

118,131

(FDD 26783)

Culturing Tumors on the Chorioallantoics of Chicken Embryos, by A. K. Shubladze, 20 pp.

RUSSIAN, no per, Zhur Mikrobiol., Epidemiol i Immunobiol., No 11, Moscow, Nov 1955, pp 36-46.

CIA/FDD U-8171

35,046

USSR

Sci - Medicine, oncology

SLA R-349
1577

Brief Course of Practical Virology, by A. K.
Shubladze, S. Ya. Gaydanovich, Published by
Medgiz, 1954, Reviewed by G. Ya. Svet-Maldavskiy

RUSSIAN, no per, Zhur Mikrobiol, Epidemiol i Im-
munobiol, No 6, 1955, pp 113-115. CIA 9006553

USDA

40,005

Sci - Medicine
Oct 56 GTS

(FID 28902)

Investigation of the Virus of Acute Encephalomyelitis
Report IV: Antigenic Properties, by A. K. Smub-
laine, G. Ya. Gaydanovich, 13 pp.

RUSSIAN, no per, Zhur Mikrobiol, Epidemiol i
Immunobiol, No 12, Moscow, Dec 1954, pp 47-53.

CIA/FID U-9006

USSR

Sci - Medicine, immunobiology

Oct 56

41,134

Study of Neurotropic Viruses in Tumours Grown
in Fertile Eggs, by A. K. Shubladzo, T. M.
Mayevskaya, 8 pp.

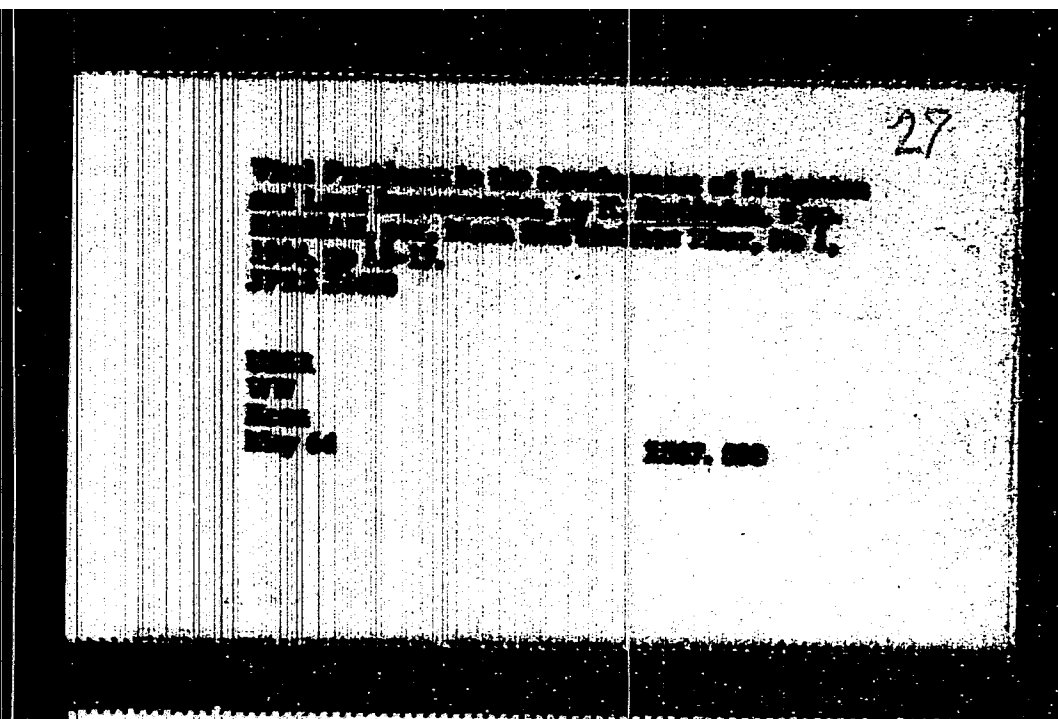
RUSSIAN, per, Vopr Virusol, Vol V, No 4, 1960.
pp 422-431.

PP

Sci

JUN 61

155,735-



(NY-6501)

IRRIGATION AND WATERING OF LAND IN THE USSR
AND PROSPECTS FOR DEVELOPMENT, BY
K. K. SHUBLADZE, 17 PP.

RUSSIAN, PER, GIDROTEKH I MELIORAT, NO 10,
1961, PP 3-12.

JPRS 13769

USSR
ECON
MAY 62

194,812

(FDD 28191)

Hydrotechnology in the Democratic Republic of
Vietnam, by K. K. Shubladze, 25 pp.

RUSSIAN, no par, Gidrotekh i Mel, Vol VIII,
No 4, Moscow, Apr 1956, pp 51-64.

CIA/FDD U-9031

4-1, 1960

FE - Vietnam
Econ
Oct 56

(2228-N)

Embryonic Vaccine for the Prophylaxis of the
Spring-Summer Tick-Borne Encephalitis, by
S. K. Shubladze, Ye. N. Bychkova, and (A. V.)
Anan'yev, 12 pp.

RUSSIAN, per, Zhurnal Mikrobiologii, Epidemiologii,
i Immunologii, No 10, 1958, pp 102-109.

US JPRS L-509-N)

Sci - Medicine
Feb 59

81,538

Formation of Crystallization Centers in a
Drop of Ammonium Chloride Solution Under the
Action of an Electric Field, by A. B. Shubnikov,
V. F. Parvov, 6 pp.

RUSSIAN, per, Kristallografiya, Vol VI, No 3,
1961, pp 443-450.

AIP

Sov Phys - Crystall
Vol VI, No 3

Sci

201,803

Jun 62

Laboratory and Field Research into the Piezo-
electric Effect of Nepheline Containing Rocks,
by O. Yu. Shmidt, A. V. Shubnikov, 6 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLV,
No 6, 1964, pp 1314-1316.
JPRS 25126

38

Sci - ES & A
Jun 64

262,026

Principles of Optical Crystallography, by A. V. Shubnikov.
RUSSIAN, hr, 1960.

Consultants Bureau

Doc. - Phys
May 63

232,015

Shubnikov, A. V.
CONCERNING THE WORKS OF PIERRE CURIE IN
THE FIELD OF SYMMETRY (O Rabotakh P'era
Kyuri v Oblasti Simmetrii) tr. by L. Rose Marie Flynn.
[1963] [22]p.
Order from O.T.S. S.L.A. or ETC \$2.60 TT-63-23061

Trans. of Uspekhi Fizicheskikh Nauk (USSR) 1956,
v. 59, no. 4, p. 591-602.

DESCRIPTORS: *Symmetry (Crystallography), *Physics,
Physicists.

(Physics, TT v. 11, no. 5)

TT-63-23061

I. Shubnikov, A. V.

0052

Office of Technical Services

The Information Contained in a Regular System of
Points, by A.V. Shubinikov, 5 pp.

RUSSIAN, per, Kristallografiya, Vol VIII, No 6
1963, pp 943-951.

Amer Inst of Phus
sov Phys - Crystall
Vol VIII, No 6

Sci
Jun 64

261, 850

Symmetry and Physical Properties of Growth
Pyramids, by A. V. Shubnikov, 3 pp.

RUSSIAN, per, Kristallografiya, Vol VI, No 3,
1961, pp 319-322.

AIP
Sov Phys - Crystall
Vol VI, No 3

Sci

201,785

Jun 62

Symmetry of Similarity (Preliminary Communication), by A. V. Shubnikov, 8 pp.

RUSSIAN, per, Kristallografiya, Vol V, No 4, 1960, pp 489-496.

AIP
Sov Phys - Crystall
Vol V, No 4

Sci

Aug 62

206,653

The Parallel Array Formed by Ammonium Chloride
Dendrites in a Drop of Solution, by A. V. Shubnikov,
3 pp.

RUSSIAN, per, Kristallografiya, Vol VI, No 2,
1961, pp 244-248.

AIP
Sov Phys - Crystall
Vol VI, No 2

Sci

206,724

Jul 62

Colored Spentary, by Aleksei Vasil'evich
Shubnikov, J. Tishoff, J. Gellab, 263pp
RUSSIAN, sp, Unidentified Russian mono,
HACH

*Aleksei Vasil'evich
Shubnikov*

Sci - Eng
May 67

326,552

Black-White Groups of Infinite Ribbons, by
A. V. Shubnikov, 5 pp.

RUSSIAN, per, Kristallografiya, Vol VII, No 2,
1962, pp 186-191.

Amer Institute of Physics
Soviet Physics - Crystal
Vol VII, No 2

Sci

Nov 62

217,685

Growth of Crystals, v. 4, by A. V. Shubnikov.
RUSSIAN, bk.

*CB
3rd quarter
of 1965

May 65

Principles of Optical Crystallography, by
A. V. Shubnikov.

RUSSIAN, bk.

*ERDL Ft Belvoir
T-1286

Sci - Phys

Jun 51

The Embryonic Forms of Spherulites, by A. V.
Shubnikov,

RUSSEAN, par, Kristallographiya, Vol II, No 5,
1957, pp 584-589.

Amer Inst of Phys

Sci

Feb 60

108,630

The Spherulite Formation, by A. V. Shubnikov,
RUSSIAN, per, Kristallographiya, Vol II, No 3,
1957, pp 424-427.

Amer Inst of Phys

Sci

Feb 60

108,610

Symmetry and Antisymmetry Groups (Classes) of
Finite Strips, by A. V. Shubnikov, 4 pp.

RUSSIAN, per, Kristallografiya, Vol VII,
No 1, 1962, pp 3-6.

AIP
Sov Phys - Crystal
Vol VII, No 1

Sci
Sep 62

211,728

Principles of Optical Crystallography, by A. V.
Shubnikov, 186 pp.

RUSSIAN, bk, Osnovy Opticheskoy Kristallografiy,
USSR Acad of Sci, 1958.

Consultants Bureau

Sci - Physics

Aug 60

CIA Library

QD

941

155

E5

123,554

Magnetostriction of Ferromagnetic Alloys of
Manganese, by A. V. Shubnikov, 3 pp, UNCLASSIFIED
D. I. Volkov,

RUSSIAN, per, Dok Ak Nauk, Vol LCVII, No 5, 1954,

CIA/FDD/X-1560

Scientific - Min/Metals

24,044

Complete Systematics of ~~XXX~~ Black-White Point
Groups, by A. V. Shubnikov, 5 pp.

RUSSIAN, per, Kristallografiya, Vol VI, No 4,
1961, pp 490-495.

AIP
Soviet Phys - Crystall
Vol VI, No 4,

Sci
23 Jul 62

203,921/

Complete Systematics of Point Groups of Symmetry,
by A. V. Shubnikov, 3 pp.

RUSSIAN, per, Kristallografiya, Vol IV, No 3,
1959, pp 286-288.

Amer Inst of Phys
Sov Phys- Crystal
Vol IV, No 3

Sci

Apr 60

114,161

Principles of Optical Crystallography, by
A. V. Shubnikov.

RUSSIAN, blk.

ERDL Ft Belvoir
T-1286

Sci - Phys

Jun 61

CB

155,244

Symmetry and Antisymmetry of Rods and Semi-
continua With Principal Axis of Infinite Order
and Finite Transfers Along It, by A. V. Shubnikov,
6 pp.

RUSSIAN, per, Kristallografiya, Vol IV, No 3,
1959, pp 279-285.

Amer Inst of Phys
Sov Phys- Crystal
Vol IV, No 3

Sci
Appl 60

114, 159

Superposition of Greetings, by A. V.
Shubnikov.

English, per, Journal Tekhnicheskoi
Fiziki, Vol 22, 1972, pp 2033-2034.
SIA TT-66-21026

A. V. Shubnikov
332, 654

Sci
Jul 67

Shubnikov, A. V.
SCHOOLS OF X-RAY STRUCTURAL ANALYSIS IN
THE SOVIET UNION [AND] AUTOBIOGRAPHICAL
DATA AND PERSONAL REMINISCENCES. [1962]
[20]p.
Order from OTS or SLA \$1.60 62-14810

Trans. of monos. (papers) presented at the 50th
Anniversary of the Discovery of X-ray Diffraction,
n. p., 1961.

DESCRIPTORS: *Solid state physics, Crystals, *X-ray
diffraction analysis, Universities, Training, Personnel

(Physics--Solid State, TT, v. 8, no. 5)

62-14810

- I. Shubnikov, A. V.
- II. Title: Anniversary . . .
- III. Title: Discovery . . .
- IV. Title: X-ray . . .

0222662

Office of Technical Services

The Future Development of Crystallography in the
Light of the Resolutions of the 21st Congress
of the Communist Party of the Soviet Union, by
A. V. Serebrenikov, 9 pp.

RUSSIAN, per, Kristallografiya, Vol V, No 1,
1960, pp 2-14.

AIP
Sov-Phys Crystal

131, 581

Sci

Nov 60

(FDD 21680)

Crystallography IXH in the Service of the USSR
National Economy, by A. V. Shubnikov, 3 pp.

RUSSIAN, no per, Priroda, No 11, Moscow, Nov 1952,
pp 77-80.

S.I.A. 1-572

CIA/FDD/U-6162

USSR - Nov '57
Sci - Physics, crystallography of artificially
grown crystals

16,084